

# Divvying Up the Water Pie

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A consultant working for the commission has completed a modernized daily flow model that depicts changes in streamflows and reservoir storage under different drought operating plans. It is more flexible than the commission's existing model and provides graphical output of flows and storage.

Designed by Hydrologics, Inc., the Oasis model is being used as part of a study exploring ways to resolve flow management issues for the regulated rivers and streams under the jurisdiction of the commission and the parties to the 1954 U.S. Supreme Court decree that apportioned the waters of the Delaware.

Although the Delaware River Basin receives an average of over 40 inches of precipitation annually, reservoir storage is needed to support huge demands on the river system. In addition to water supply, storage is used for flood control, recreation (including "white water" releases),

water quality protection, hydropower generation, replacement of consumptive use (mostly evaporative water losses), meeting mandated downstream flow targets, controlling reservoir pool elevations, and protection of fisheries.

This diversity of uses has over the years resulted in disagreements among those who benefit from and depend on the river and its tributaries. It is hoped the study and the new daily flow model will provide additional management tools to more effectively address these controversial streamflow issues.

The DRBC Flow Management Technical Advisory Committee meets throughout the year to discuss various flow-related issues. Upcoming meeting notices and agendas are available on the DRBC web site at: <http://www.nj.gov/drbc/meetings.htm>

## Delaware River Basin Commission

### Fiscal Summary-All Funds

Year Ending June 30, 2001

#### Revenues:

Signatory	2,448,000
Grants & Projects	1,267,900
Fees & Other	5,157,100

#### Expenditures:

Salaries & Benefits	3,225,600
Operating Expenditures	3,935,700
Amortization & Depreciation	426,800
Principal Payments on Debt	405,400